



STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor

Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION IS SOLICITING PROPOSALS FOR:

NONPOINT SOURCE POLLUTION PREVENTION PROGRAM 319(h) GRANTS

REQUEST FOR PROPOSALS NO. 319-2009-01

OPENING DATE & TIME: September 1, 2009 @ 5:00 PM

DEADLINE FOR SUBMISSION: Wednesday, October 14, 2009 @ 5:00 PM

The actual RFP document consists of 16 pages.

A copy of this Request for Proposal (RFP) may be obtained by any of the following methods:

1. Retrieve this document from the Nevada Division of Environmental Protection's website at <http://ndep.nv.gov/bwqp/npsgwp.htm> or at <http://ndep.nv.gov/bwqp/index.htm>.
2. Retrieve the document from the State of Nevada, Purchasing Division's website at <http://purchasing.state.nv.us/> and click on "Current Services RFP Opportunities."
3. E-Mail us at bwidegren@ndep.nv.gov and/or jkuchnic@ndep.nv.gov and request a copy of the RFP be forwarded to you. Please include your organization's name, address, contact name, phone number and fax number.

INTRODUCTION

The Nevada Division of Environmental Protection (NDEP) seeks proposals for projects and programs to reduce nonpoint sources of pollution within the state. Selected proposals will be awarded federal funds available under Section 319(h) of the Clean Water Act (CWA). Selected proposals will be administered by the Nevada Nonpoint Source Pollution Management Program (NPS Program). Proposals will be accepted for consideration until **5 p.m., Wednesday, October 14, 2009**. Approximately \$1,100,000 in federal grant funds is available; state and local governments as well as nonprofit organizations are eligible to apply.

Congress established the National NPS Program with passage of the 1987 amendments to the CWA. Although some progress has been made over the past years, NPS pollution continues to be the primary cause of water quality impairments throughout Nevada and the nation. In recent years, the U.S. Environmental Protection Agency (USEPA) has increased the NPS Program's focus on 303(d)-listed waters, emphasizing the development and implementation of Total Maximum Daily Loads (TMDLs) to help solve water quality problems at the watershed level. Information on the national NPS Program is available online at: www.epa.gov/OWOW/NPS/. Nevada's 2006 303(d) Impaired Waters List is available online at: ndep.nv.gov/bwqp/303dlist.htm. Additional information regarding Nevada's TMDL program is available online at: ndep.nv.gov/bwqp/tmdl.htm.

FUNDING DESCRIPTION

The following guidelines are based on USEPA guidance documents and NPS Program priorities. Applicants are encouraged to show a strong sense of collaboration and partnership with other state and local agency agendas for water quality improvement. Most importantly, all proposed projects should have measurable environmental results.

1. **What types of funds are available?** Two types of 319(h) funds are available: Base and Incremental.
 - a. **Base Funds.** Base funds are the traditional 319(h) program funds that can be used for a variety of NPS-related projects. Examples of base-funded projects include: demonstration and evaluation of Best Management Practices (BMPs); public education programs on NPS pollution management; programs that focus on the protection of threatened waters, source water or other high-priority unimpaired waters; and monitoring and assessment associated with an implementation project. Approximately \$300,000 in base funds are available as part of this RFP.
 - b. **Incremental Funds.** Incremental funds are essentially applied toward TMDL or watershed plan implementation projects (restoration projects). The overall goal of these projects is to restore waters that are on Nevada's 303(d) List of Impaired Waters. To qualify for 319(h) incremental funding, restoration project proposals must implement TMDLs or watershed-based plans that satisfy USEPA's requirements (see **Attachment A** for additional information on the "nine required elements"). Projects may focus on restoration at the watershed scale. Approximately \$800,000 in incremental funds are available as part of this RFP. Requirements for specific watersheds are as follows:
 - i. *Lake Tahoe Basin Projects* – must implement components of the Environmental Improvement Program.
 - ii. *Las Vegas Wash Projects* – must implement components of the Las Vegas Wash Comprehensive Adaptive Management Plan.
 - iii. *Carson River Basin Projects* – must implement components of the Carson River Watershed Plan.

Note: If an agency has developed a TMDL implementation or watershed-based management plan for other 303(d)-listed waters, the plan may be submitted concurrently with any proposals for projects affecting those waters. Applicants must document how the plan meets USEPA's "nine required elements" (see Attachment A). Upon review and approval of the plan by NDEP, these proposals will be considered for 319(h) funding.

2. Who is eligible? The following agencies and organizations are eligible to apply for and receive 319(h) funds:

- a. State, local, tribal governments
- b. Interstate and intrastate public agencies
- c. Public and private nonprofit organizations
- d. Educational institutions

3. What activities are eligible? The following activities qualify for 319(h) funding under this particular RFP:

- a. Direct implementation of Best Management Practices (BMPs) or demonstration of new and innovative BMP technologies;
- b. Training and/or technical assistance to landowners regarding BMP installation and/or maintenance;
- c. Monitoring to measure project/BMP effectiveness;
- d. Education to raise the level of public awareness about NPS pollution and its effect on water quality;
- e. Urban stormwater pollution prevention activities (including Low Impact Development) that are not specifically required by a draft or final National Pollutant Discharge Elimination System (NPDES), Phase I or Phase II Stormwater permit; and
- f. Special projects that meet one or more of the state priorities identified on Page 4 (Section 3.b.)

4. What activities are not eligible? The following do not qualify for 319(h) funding under this particular RFP:

- a. General planning, assessment, research or TMDL development activities;
- b. Activities related to specific requirements of a draft or final NPDES, Phase I or Phase II Stormwater permit; and
- c. Ambient monitoring or monitoring to determine if a waterbody is impaired.

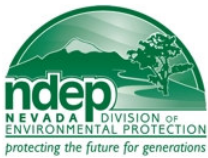
IMPORTANT CONSIDERATIONS FOR APPLICANTS

1. **Contractual Agreement.** Applicants approved for 319(h) funding must enter into a legal contract with the State of Nevada. The contract forms, which include specific NDEP terms and conditions, were developed and approved by the State of Nevada and the NDEP Administrator. Applicants must be willing to accept—without revision—the language and conditions contained in the contract forms. Copies of these forms are available upon request for your review.
2. **Reimbursable Funds.** 319(h) funds are available only on a reimbursable basis. Therefore, applicants must have the ability to pay for project expenses upfront and then request reimbursement from NDEP by submitting invoices on a quarterly basis.
3. **Non-Federal Match Requirement.** The project budget must include non-federal match (cash and/or in-kind) funds of at least 50% of the total project cost. Letters of commitment from agencies providing cash match funds must be submitted with the proposal. Refer to the Detailed Application Instructions beginning on page 5 for more information.
4. **Monitoring and Maintenance.** Proposals must include a plan for monitoring and (if applicable) maintaining the project (see Page 6). Installed BMPs must be properly operated and maintained for the intended purpose(s) over the expected lifespan of the practice(s). The proposal workplan should identify the expected lifespan of each practice and outline an appropriate inspection and maintenance schedule. *Be sure to include monitoring and maintenance costs in your project budget.* If appropriate, provisions must be made for operation and maintenance of the project to be carried out after the official contract expires.
5. **Permits.** Permits may be required for some implementation projects. If applicable, be sure to allow sufficient time and funds to obtain the permits required for your project. See Attachment B for more information.
6. **Liability Insurance.** Additional liability insurance requirements are imposed on independent contractors and/or subcontractors. If you anticipate hiring an independent contractor (i.e., consulting firm or private business) to complete all or a portion of the proposed work, please contact the NPS Program staff for additional information (see contact info on Page 4).
7. **Final Report.** The grantee must submit a detailed final report to NDEP for approval prior to the contract expiration date. NDEP reserves the right to withhold payment of the final invoice until an acceptable final report is received. Be sure to include final report preparation costs in the project budget and allow sufficient time to prepare and, if necessary, revise the final report.

PROPOSAL SELECTION PROCESS

1. Timeline

- a. **Proposal Deadline.** Proposals must be received no later than 5:00 pm PST on Wednesday, October 14, 2009.
- b. **Proposal Review & Selection.** The committee will review proposals during the period from October 15, 2009 through December 1, 2009.
- c. **Award Notification & Contract Development.** The committee will notify grant award recipients and develop the contract documents after December 1, 2009.



2. Proposal Submittal Instructions. You must submit your proposal in both hardcopy and electronic formats.

a. Hardcopies. Submit seven (7) hardcopies of your proposal to:

Nevada Nonpoint Source Pollution Management Program
Nevada Division of Environmental Protection
Bureau of Water Quality Planning
901 South Stewart Street, Suite 4001
Carson City, NV 89701
Attn: Birgit Widegren

b. Electronic copies. E-mail one (1) copy of your proposal in Microsoft Word and Excel format to the appropriate address listed below. ****Relevant maps and photographs may be attached as PDF files, but the rest of the application must be in Microsoft Word and Excel format.****

For all proposals in the Lake Tahoe Watershed:

Jason Kuchnicki 775-687-9450 jkuchnic@ndep.nv.gov

For all proposals outside of the Lake Tahoe Watershed:

Birgit Widegren 775-687-9550 bwidegren@ndep.nv.gov

Please contact above NPS Program staff if you have any questions concerning the proposal application, or if you would like to discuss project ideas and/or project eligibility. Note that the proposal review committee may contact you for additional information and/or to request a site visit.

Project proponents will be given an opportunity to present the details of their proposal to the Review Committee on November 2, 5 or 6, 2009 at NDEP's office in Carson City, Nevada. A presentation is NOT required for a proposal to be fully considered; however, it is recommended that proponents consider giving a presentation, as it gives the Review Committee an opportunity to ask questions.

3. Proposal Evaluation Criteria. Allocation of available funds will be competitively determined by a proposal review committee. The following criteria will be considered in evaluating and ranking the submitted proposals.

a. Water quality benefit. The proposal must clearly describe how the project will contribute to the restoration, enhancement or preservation of the ecological integrity of Nevada's waters.

b. State priority. State priorities are described in the Funding Description section. Additionally, the NPS Program is interested in supporting the following types of projects:

- i. Projects that form partnerships with **Nevada Question 1 Grant Program**;
- ii. Projects that include funding from the USDA Environmental Quality Incentives Program (EQIP);
- iii. Proposals that fund projects involving one or more Conservation District(s);
- iv. Projects with multiple partners such as agencies, nonprofit organizations and/or others;
- v. Projects that incorporate Low Impact Development (LID) techniques;

- vi. Projects that address urban runoff issues not required by a NPDES Phase I or Phase II permit; and
 - vii. Projects that exceed the non-federal match requirement of 50% of the total project cost.
- c. **Interagency coordination.** The proposal clearly defines level of commitment from cooperating agencies and outlines the responsibilities of each.
- d. **Monitoring.** The proposal clearly defines how progress in meeting project goals and objectives will be monitored and evaluated.
- e. **Maintenance.** If applicable, the proposal clearly describes the proponent's willingness and ability to maintain the project over its design life.
- f. **Public outreach.** Public outreach/education proposals identify the target audience and outline effective outreach methods and measures of success. Implementation proposals include specific efforts to educate the public about the project and, if appropriate, transfer technology to potential users.
- g. **Cost effectiveness.** The proposal minimizes administrative, overhead and indirect costs, and equipment purchases.
- h. **Past performance.** If applicable, the performance of the applicant on previous 319(h) contracts (e.g., timeliness and accuracy of submitted reports and invoices, fulfillment of contractual obligations) will be considered.
- i. **Quality and completeness of the proposal.** Applicants must adhere to the detailed application instructions provided in the RFP; the quality of the proposal is considered a reflection of the quality of work that will be performed by the grantee.

DETAILED APPLICATION INSTRUCTIONS

Your proposal must include the following components:

1. Proposal Cover Page

- a. **Project Title.** In ten words or less, clearly identify the type of project proposed.
- b. **Lead Agency/Organization.** State the name of the entity that, if selected for 319(h) funding, will enter into a legal contract with the State of Nevada.
- c. **Primary Contact.** Provide contact information (i.e., name, title, mailing address, e-mail address and phone number) for the person who will oversee the proposed project.
- d. **Project Location.** Identify the project watershed(s) and affected waterbody(ies). Use Attachment C to identify the appropriate Hydrologic Unit Code (HUC) for the project area.
- e. **Project Summary.** In 150 words or less (word limit is for cover page project summary only), provide a brief description of the project. State the water quality problem to be addressed by the project; the project goals and objectives; and activities proposed to address the problem.

f. Anticipated Project Start and Completion Dates.

g. Fiscal Summary. Provide the total project cost; total amount of 319(h) funds requested; and the total amount of non-federal matching funds.

h. Project Partners. Provide information (including primary contact information; see item 1.c., above) for any partners involved with the project. Attach letters of support.

2. Scope of Work (Workplan)

a. Introduction and Problem Statement. Provide a succinct description of the water quality problem addressed by the project:

- i. Identify the waterbody(ies), NPS pollutant(s), source(s) of concern and extent of the problem;
- ii. Summarize and reference any data that documents the problem;
- iii. Provide pertinent watershed information (e.g., land use, human activities, ecosystem characteristics, hydrology, etc.);
- iv. If applicable, describe how the project supports an existing or planned watershed plan or TMDL; and
- v. Provide a map that clearly delineates the project area.

b. Goals. Define the overall goal(s) of the project.

c. Tasks. Describe the specific project activities that will be completed:

- i. Provide a detailed description of the methods used to complete the tasks;
- ii. State the specific roles and responsibilities of all organizations or agencies involved with the project;
- iii. Describe the extent of public involvement and/or awareness with regard to the project; and
- iv. Under each task description, list all deliverables produced at task completion.

3. Project Evaluation

a. Measures of Success. Identify quantitative indices, parameters and/or criteria that will be used to measure project success.

Example 1: Restore 50 acres of riparian zone.

Example 2: Remove 300 square feet of impervious cover.

b. Monitoring & Maintenance Program. All proposals must include a detailed plan that includes specific methods to monitor, measure, track and/or calculate the Measures of Success (see above). Although the level of effort will depend on the scope of the project, a suitable program will incorporate an adequate balance of the following monitoring types:

- i. *Implementation monitoring* — assesses whether activities were implemented as planned; the information provides immediate feedback on whether the project was carried out as intended and/or according to specifications.
- ii. *Effectiveness monitoring* — is used to evaluate whether project activities resulted in the intended or desired effect. Was the project successful? Were the project goals and objectives achieved? You will be asked to summarize the results of your monitoring program in order to document the level of project success. Please note that the collection of environmental data may necessitate development of a detailed

Quality Assurance Project Plan (QAPP), which must be approved by NDEP prior to data collection.

- iii. *Vegetation monitoring* – may be a subset of either implementation or effectiveness monitoring, and is required for all projects that involve restoration or revegetation. This type of monitoring should include measurement of the following: (1) percent survival, (2) percent desirable (in most cases, native) species, and/or (3) percent cover.
- iv. *Maintenance inspection* – involves the regular inspection of implemented BMPs to ensure that they are functioning according to specifications. This type of monitoring is required for all proposed implementation projects.

4. **Project Schedule.** Provide a schedule for which the project will operate, including the identification of key dates for completion of each task will be accomplished and submittal of associated deliverables.

5. **Contingency Plan.** Identify factors that have the potential to substantially modify the project scope, schedule, methods, or funding and describe alternative actions to be taken if the project cannot be completed as originally proposed.

6. **Project Budget.**

a. **Match Requirements.** All proposed projects must include non-federal matching funds of at least 50% of the total project cost (i.e., 50/50 match means that of the 100% total project cost, 50% is 319(h) funds and 50% is non-federal match). The overall project budget must distinguish between 319(h) reimbursable expenses and non-federal matching funds. In addition, separate budgets must be provided for cash versus in-kind match.

- i. *Cash match* – as defined by 40 CFR 31.3, consists of "the grantee's cash outlay, including the outlay of money contributed to the grantee or sub-grantee by other public agencies and institutions, and private organizations and individuals."
- ii. *In-kind match* – is any donation of time, equipment, supplies, etc., where no actual cash changes hands between the grantee and the non-federal donating organization. Use the following sources to establish the value of in-kind services (or provide other justification):

- Current Prevailing Wage Rates for Counties, from the Nevada State Labor Commission, for construction and other types of labor, online at: <http://www.laborcommissioner.com/counties09.html>
- The Nevada Occupational Employment and Wage Data, from the Nevada Dept. of Employment, Training & Rehabilitation, online at: detr.state.nv.us/lmi/data/wages/TOC000.htm
- The local Farm Services Agency (FSA) cost share rates for equipment time (hourly or daily) or the lowest of three estimates from local rental companies or contractors.

Example 1: Boy Scout troop donates 8 hrs of labor to plant seedlings.

Example 2: A company or landowner donates 300 ft of fence material.

b. **Budget Categories.** Itemize total costs for each category shown below. An example project budget summary and detail is available in Attachment D.

- i. *Salaries/Wages* - Expenses for salaries or wages must be included in the budget. The budget summary should list the position title and base salary rate for individuals who will work on the project. The budget detail for salaries should contain a breakdown of the estimated number of hours that each position will perform for each task.
- ii. *Fringe Benefits* – Fringe benefits are items such as health insurance, retirement and medical benefits. The budget detail should list the percentage of the base salary rate

- used to calculate the fringe benefits. If different fringe benefit rates apply to different personnel, the rates must be listed separately for each position.
- iii. *Operating* – All operating costs, including supplies and materials, must be itemized in the budget detail.
 - iv. *Travel* - Travel costs include transportation, per diem, and lodging. Itemize travel costs in the Budget Detail and Cost Breakdown. Vendors shall abide by NDEP and/or state policy regarding travel status and will be required to use State travel forms for the purposes of requesting reimbursement for travel related expenses. A summary of the most important information for the purposes of cost proposal development are provided below (additional information can be provided upon request):

The vendor's employee must be at least 50 miles from their respective work station to gain travel status and receive reimbursement for per diem and lodging expenses. Employees in travel status shall receive reimbursement at a rate comparable to the rates established by the US General Services Administration (GSA) for the State of Nevada. Maximum per diem reimbursement rates for Nevada's lodging, meals and incidental expenses are established by city/county and vary by season.

Receipts are required for all lodging expenses except in cases where the standard (non-surveyed) Continental United States (CONUS) federal per diem rate, or less, is requested. In addition to the reimbursable lodging rates, vendor may be reimbursed for lodging taxes and fees. Lodging taxes are limited to the taxes on reimbursable lodging costs.

Receipts are not required for the M&IE allowance. Eligible times to receive per diem meal reimbursements:

To be eligible to receive breakfast, employee must leave his/her duty station before 7:00 a.m.;

To be eligible to receive lunch, employee must leave his/her duty station prior to 11:00 a.m. and return after 1:00 p.m.;

To be eligible to receive dinner, employee must leave his/her duty station no later than 5:00 p.m. (i.e., be on continuous work status) and return after 6:00 p.m.;

The following table contains additional information regarding allowable rates for travel expenses incurred:

| TRAVEL EXPENSE | ALLOWABLE RATE | MORE INFORMATION AVAILABLE AT: |
|------------------------|----------------|---|
| Per-Diem | GSA Rate | http://www.gsa.gov |
| Lodging | | |
| Parking | Actual Cost | |
| Transportation Vehicle | | http://budget.state.nv.us/allagency memos/memos2009/AAM2009_01.pdf |
| Mileage | NV State Rate | |
| Airfare | | |
| Public Transit | Actual Cost | |

- v. Either Indirect Cost (IDC) or Overhead – often used to fulfill match requirements, these costs can be reimbursed if the following requirements are met. IDC charges are only available to entities that have a negotiated IDC rate with their cognizant agency.

Overhead may be expressed as a percentage of the direct costs. If you include *overhead* in your reimbursable budget, you must itemize the specific costs included in determining your *overhead rate*. Costs associated with the following are not allowed:

- Entertainment
 - Debt
 - Finance charges
 - Interest
 - Lobbying expenses and political contributions
 - Legal and professional services
 - Staff or client relations and/or development
- vi. *Equipment* – individual item purchases of \$500 or more must be listed separately.
- vii. *Subcontract* – if applicable, separately identify all costs associated with subcontracted work on the project. All conditions described above (Section 6) apply to any subcontract. Subcontract costs must be itemized in the Budget Detail and Cost Breakdown. A separate contract budget must be submitted in the example format for each subcontract when the subcontract is executed.

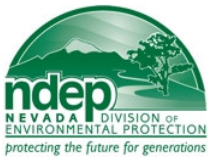
c. **Detailed Budget.** In order to evaluate the cost-benefit of the project, the NPS Program asks that you provide a detailed breakdown of project costs by task. Provide a detailed budget for each task, including the anticipated expenses for all budget categories listed in (b) above.

7. **References.** In alphabetical order, list citations for statements of fact and sources of data included in the application/proposal. The proposal review committee may request copies of reference documents.

ATTACHMENT A

Nine Required Elements of a Watershed-Based Plan

1. An identification of the causes and sources or groups of similar sources that will need to be controlled to achieve the load reductions estimated in this watershed-based plan (and to achieve any other watershed goals identified in the watershed-based plan), as discussed in item (2) immediately below. Sources that need to be controlled should be identified at the significant subcategory level with estimates of the extent to which they are present in the watershed (e.g., X number of dairy cattle feedlots needing upgrading, including a rough estimate of the number of cattle per facility; Y acres of row crops needing improved nutrient management or sediment control; or Z linear miles of eroded streambank needing remediation).
2. An estimate of the load reductions expected for the management measures described under paragraph (3) below (recognizing the natural variability and the difficulty in precisely predicting the performance of management measures over time). Estimates should be provided at the same level as in item (1) above (e.g., the total load reduction expected for dairy cattle feedlots; row crops; or eroded streambanks).
3. A description of the NPS management measures that will need to be implemented to achieve the load reductions estimated under paragraph (2) above (as well as to achieve other watershed goals identified in this watershed-based plan), and an identification (using a map or a description) of the critical areas in which those measures will be needed to implement this plan.
4. An estimate of the amounts of technical and financial assistance needed, associated costs, and/or the sources and authorities that will be relied upon, to implement this plan. As sources of funding, States should consider the use of their Section 319 program, State Revolving Funds, USDA's Environmental Quality Incentives Program and Conservation Reserve Program, and other relevant Federal, State, local and private funds that may be available to assist in implementing this plan.
5. An information/education component that will be used to enhance public understanding of the project and encourage their early and continued participation in selecting, designing, and implementing the NPS management measures.
6. A schedule for implementing the NPS management measures identified in this plan that is reasonably expeditious.
7. A description of interim, measurable milestones for determining whether NPS management measures or other control actions are being implemented.
8. A set of criteria that can be used to determine whether loading reductions are being achieved over time and substantial progress is being made towards attaining water quality standards and, if not, the criteria for determining whether this watershed-based plan needs to be revised or, if a NPS TMDL has been established, whether the NPS TMDL needs to be revised.
9. A monitoring component to evaluate the effectiveness of the implementation efforts over time, measured against the criteria established under item (8) immediately above.



ATTACHMENT B

Permit Requirements for Implementation Projects

Required permits may include (but are not limited to):

1. The **CWA Section 404 Permit** for discharge and/or fill activities affecting waters of the US, administered by the U.S. Army Corps of Engineers (USACE). Additional information regarding USACE's permitting requirements is available at:

www.spk.usace.army.mil/organizations/cespk-co/regulatory/program.html

The Section 404 permit application and instructions may be downloaded at:

www.spk.usace.army.mil/organizations/cespk-co/regulatory/pdf/ENG4345.pdf

You may also contact the Nevada Regulatory Office at 775-784-5304.

2. The **Temporary Permit for Working in Waterways** (formerly known as the Rolling Stock Permit), administered by NDEP's Bureau of Water Pollution Control (BWPC). Additional information regarding BWPC's permitting programs is available at:

ndep.nv.gov/bwpc/forms.htm

The Working in Waterways permit application and instructions may be downloaded at:

ndep.nv.gov/bwpc/tmpwtrwy.pdf

You may also contact BWPC at 775-687-9418.

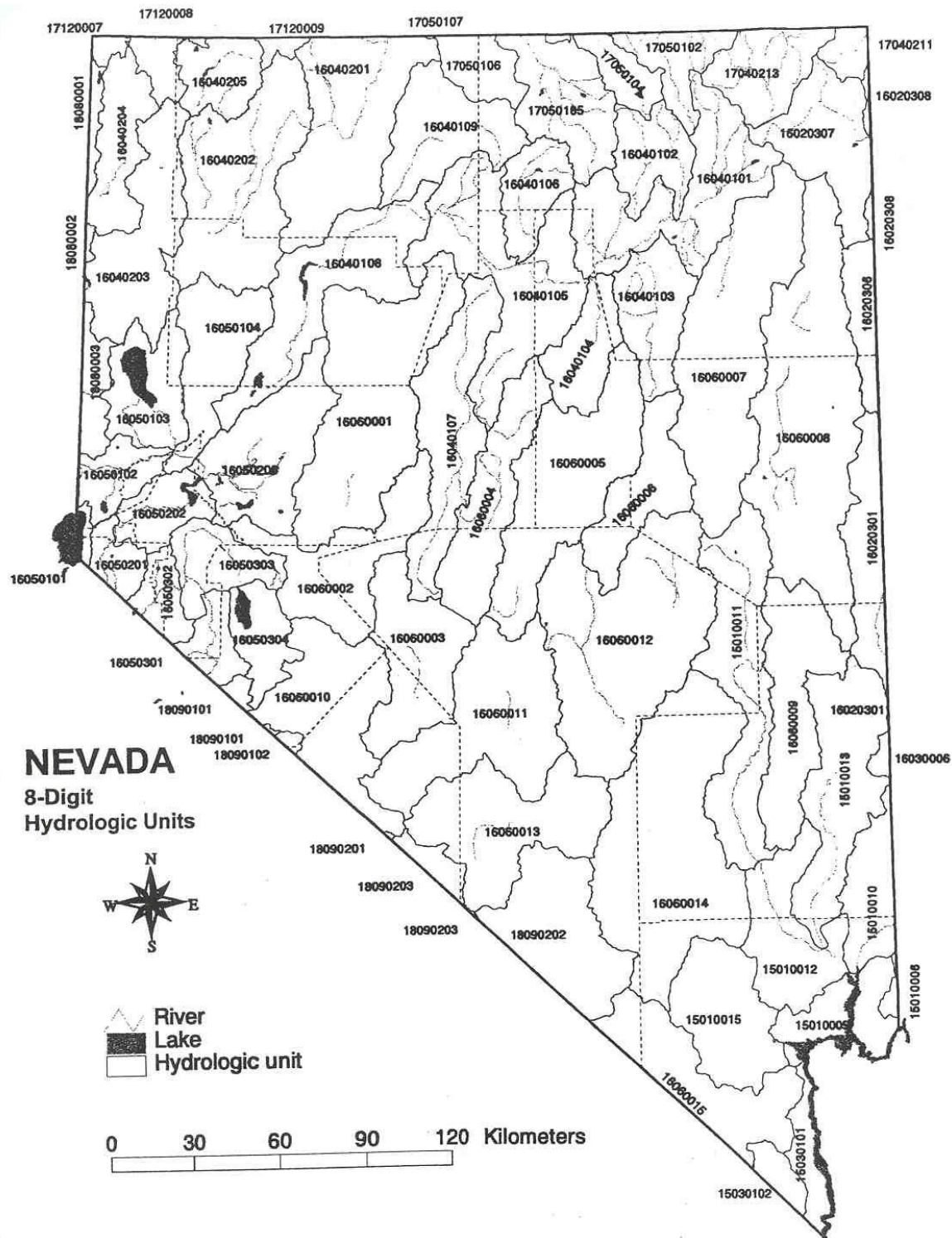
3. The **CWA Section 401 Water Quality Certification**, administered by NDEP's Bureau of Water Quality Planning (BWQP). Through this program, BWQP certifies whether the proposed activity will or will not violate state or federal water quality standards. Additional information regarding BWQP's program is available at:

ndep.nv.gov/bwqp/401cert.htm

You may also contact BWQP at 775-687-9444.

Permit applications may require fees and/or surveys (e.g., cultural resources surveys, Threatened & Endangered Species surveys). The costs associated with applying for required permits may be included in the project budget. The project proponent must provide NPS Program staff with copies of the permit application(s) and/or issued permit(s).

ATTACHMENT C
Nevada 8-Digit Hydrologic Units

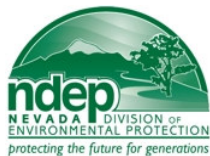


ATTACHMENT C

Nevada 8-Digit Hydrologic Units

| HUC# | Catalog Name |
|-------------|---------------------------------|
| 15010005 | Lake Mead |
| 15010006 | Grand Wash |
| 15010010 | Lower Virgin |
| 15010011 | White |
| 15010012 | Muddy |
| 15010013 | Meadow Valley Wash |
| 15010015 | Las Vegas Wash |
| 15030101 | Havasu-Mohave Lakes |
| 15030102 | Paiute Wash |
| 16020301 | Hamlin-Snake Valleys |
| 16020306 | Southern Great Salt Lake Desert |
| 16020307 | Pilot-Thousand Springs |
| 16020308 | Northern Great Salt Lake Desert |
| 16030006 | Escalante Desert |
| 16040101 | Upper Humboldt |
| 16040102 | North Fork Humboldt |
| 16040103 | South Fork Humboldt |
| 16040104 | Pine |
| 16040105 | Middle Humboldt |
| 16040106 | Rock |
| 16040107 | Reese |
| 16040108 | Lower Humboldt |
| 16040109 | Little Humboldt |
| 16040201 | Upper Quinn |
| 16040202 | Lower Quinn |
| 16040203 | Smoke Creek Desert |
| 16040204 | Massacre Lake |
| 16040205 | Thousand-Virgin |
| 16050101 | Lake Tahoe |
| 16050102 | Truckee |
| 16050103 | Pyramid-Winnemucca Lakes |
| 16050104 | Granite Springs Valley |
| 16050201 | Upper Carson |
| 16050202 | Middle Carson |
| 16050203 | Lower Carson |
| 16050301 | East Walker |

| HUC# | Catalog Name |
|-------------|--------------------------------|
| 16050302 | West Walker |
| 16050303 | Walker |
| 16050304 | Walker Lake |
| 16060001 | Dixie Valley |
| 16060002 | Gabbs Valley |
| 16060003 | Southern Big Smokey Valley |
| 16060004 | Northern Big Smokey Valley |
| 16060005 | Diamond-Monitor Valley |
| 16060006 | Little Smoky-Newark Valley |
| 16060007 | Long-Ruby Valleys |
| 16060008 | Spring-Steptoe Valleys |
| 16060009 | Dry Lake Valley |
| 16060010 | Fish Lake-Soda Springs Valleys |
| 16060011 | Ralston-Stone Cabin Valleys |
| 16060012 | Hot Creek-Railroad Valleys |
| 16060013 | Cactus-Sarcobatus Flats |
| 16060014 | Sand Spring-Tikaboo Valleys |
| 16060015 | Ivanpah-Pahrump Valleys |
| 17040211 | Goose |
| 17040213 | Salmon Falls |
| 17050102 | Bruneau |
| 17050104 | Upper Owyhee |
| 17050105 | South Fork Owyhee |
| 17050106 | East Little Owyhee |
| 17050107 | Middle Owyhee |
| 17120007 | Warner Lakes |
| 17120008 | Guano |
| 17120009 | Alvord Lake |
| 18080001 | Surprise Valley |
| 18080002 | Madeline Plains |
| 18080003 | Honey-Eagle Lakes |
| 18090101 | Mono Lake |
| 18090102 | Crowley Lake |
| 18090201 | Eureka-Saline Valleys |
| 18090202 | Upper Amargosa |
| 18090203 | Death Valley-Lower Amargosa |



“Protecting the future for generations”

ATTACHMENT D

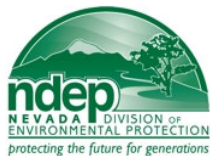
Example Project Budget – Summary

PROPOSED PROJECT BUDGET SUMMARY

| CATEGORY | REIMBURSABLE 319(h) FUNDS | IN-KIND MATCH | CASH MATCH | TOTAL BUDGET |
|-----------------|------------------------------|--------------------|--------------------|--------------------|
| Salaries* | \$17,550.00 | \$10,400.00 | \$5,600.00 | \$33,550.00 |
| Fringe Benefits | \$4,388.00 | \$4,000.00 | \$0.00 | \$8,388.00 |
| Operating | \$1,400.00 | \$3,900.00 | \$500.00 | \$5,800.00 |
| Travel | \$0.00 | \$1,750.00 | \$0.00 | \$1,750.00 |
| IDC | \$0.00 | \$3,008.00 | \$0.00 | \$3,008.00 |
| Equipment | \$7,500.00 | \$4,500.00 | \$6,000.00 | \$18,000.00 |
| Subcontract | \$10,420.00 | \$1,600.00 | \$0.00 | \$12,020.00 |
| TOTAL | \$41,258.00 | \$29,158.00 | \$12,100.00 | \$82,516.00 |

319(h) Funds = 50%

Match Funds = 50%



“Protecting the future for generations”

ATTACHMENT D

Example Project Budget – Detail

PROPOSED PROJECT BUDGET DETAIL

| CATEGORY | RATE | REIMBURSABLE 319(h) FUNDS | IN-KIND MATCH | CASH MATCH | TOTAL BUDGET |
|--|------------------------|------------------------------|--------------------|--------------------|--------------------|
| Salaries* | Hourly | | | | |
| Project Manager | \$50.00 | \$9,375.00 | \$6,400.00 | | \$15,775.00 |
| Project Technician II | \$50.00 | \$6,500.00 | \$4,000.00 | \$4,000.00 | \$14,500.00 |
| Project Technician I | \$20.00 | \$1,675.00 | | | \$1,675.00 |
| Administrative Assistant | \$25.00 | | | \$1,600.00 | \$1,600.00 |
| Fringe Benefits | 25% of Salaries | | | | |
| Fringe Benefits for Salaried Employees | | \$4,388.00 | \$4,000.00 | | \$8,388.00 |
| Operating | Actual Cost | | | | |
| Materials and Supplies | | | \$2,000.00 | | \$2,000.00 |
| Equipment Rental | | \$1,400.00 | \$500.00 | | \$1,900.00 |
| Office supplies, printing, postage, film & processing | | | \$1,400.00 | \$500.00 | \$1,900.00 |
| Travel | State Rate | | | | |
| Vehicle mileage | | | \$1,750.00 | | \$1,750.00 |
| IDC | 15% of TDC | | | | |
| Includes office space rental, utilities, and computer usage fees | | | \$3,008.00 | | \$3,008.00 |
| Equipment | Actual Cost | | | | |
| Well water pump | | \$1,000.00 | \$1,000.00 | \$2,000.00 | \$4,000.00 |
| Solar panels | | \$6,000.00 | | | \$6,000.00 |
| Fencing materials | | | \$3,000.00 | \$3,000.00 | \$6,000.00 |
| Wash station | | \$500.00 | \$500.00 | \$1,000.00 | \$2,000.00 |
| Subcontract | Actual Cost | | | | |
| Site preparation & irrigation system design/installation | | \$3,200.00 | \$600.00 | | \$3,800.00 |
| Riparian vegetation planting | | \$1,520.00 | | | \$1,520.00 |
| Herbicide application | | | \$1,000.00 | | \$1,000.00 |
| Laboratory sample analysis | | \$5,700.00 | | | \$5,700.00 |
| TOTAL | | \$41,258.00 | \$29,158.00 | \$12,100.00 | \$82,516.00 |

*Note: With NDEP approval, salary and benefit rates can be adjusted to provide for cost-of-living, merit, and/or other increases.